

R-ADSL-C4W-G

IEEE 802.11g Wireless Router with ADSL Modem



INTRODUCTION

Fully compliant with the new IEEE802.11g Wireless LAN Standard, the 11g CardBus PC Card is five times faster than the ordinary 11b wireless networks and provides you superb flexibility with wireless access to networks anytime, anywhere or any place. Enjoy the ride of wireless network access via global wireless hotspots or in any other public access areas to get corporate resources, Emails, and the Internet. Enjoy the pleasures of ultimate freedom with wireless mobility. Adds 802.11g wireless capabilities to laptop computers, for faster wireless networking available for home or office with an easy & quick Windows-based Utility bringing you all the comfort right from the beginning.

FEATURES

- ▶ Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN.
- ▶ Complies with CardBus 7.0 specification.
- ▶ Supports PC Card hot-SWAP and true Plug & Play.
- ▶ Works with all existing network infrastructure.
- ▶ Complies with specific wireless products and services
- ▶ Backward compatible with 802.11b
- ▶ Capable of up to 256-Bit WEP Encryption
- ▶ Freedom to roam while staying connected.
- ▶ 22-Mbps Packet Binary Convolution Coding (PBCC) (according to the IEEE Std 802.11b high-rate specification)
- ▶ UP to 54 Mbps High-Speed Transfer Rate in 802.11g mode of operation
- ▶ Rich diagnostic LED indicators with Integrated Antenna.
- ▶ Supports Window 98SE/2000/ME/XP
- ▶ Low power consumption
- ▶ Easy to install and configure

SPECIFICATION

Standards	IEEE 802.11b, Wi-Fi compliant/IEEE 802.11g
Host Interface	32-bit CardBus
Antenna	Two antennas diversity supported
Frequency Range	2.412GHz-2.4835GHz
Number of Selectable Channels	USA, Canada: 11 channels Europe: 13 channels Japan: 14 channels
Modulation Technique	802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing
Security	Hardware-Based Encryption/Decryption Using 64-, 128-, and 256-Bit Wired-Equivalent Privacy (WEP) Keys, and support Wireless Protected Access (WAP)
Bit Error rate	Meet 802.11b & 802.11g standard
Power Requirement	Operating Voltage: 3.3V - TX consumption mode: 520mA - RX consumption mode: 425mA
Physical Specifications	Weight: 40g Dimension: 114 (L) x 54(W) mm
Supported OS	Windows 98SE, Windows ME, Windows 2000, Windows XP
EMC Certification	FCC Part 15 in US EN300328 and EN300826 (EN301489-17) in Europe
Environment Specifications	- Operating Temperature: 0~65° ambient - Storage Temperature: -20~75° ambient - Operating humidity: 95% maximum (non-condensing) - Storage humidity: 95% maximum (non-condensing)